Drawing 1

Cyber Accounting System

System Description- Overview

Inventor: Prakasham UMAPATHY
Docket No.: 13782.0007USWO
Title: METHOD AND SYSTEM OF ACCOUNTING TRANSACTIONS THROUGH
CONCURRENT PROCESSING OF EVENTS IN CYBER SPACE
Attorney Name: Mark T. Skoog
Phone No.: 612.371.5240
Sheet 2 of 11
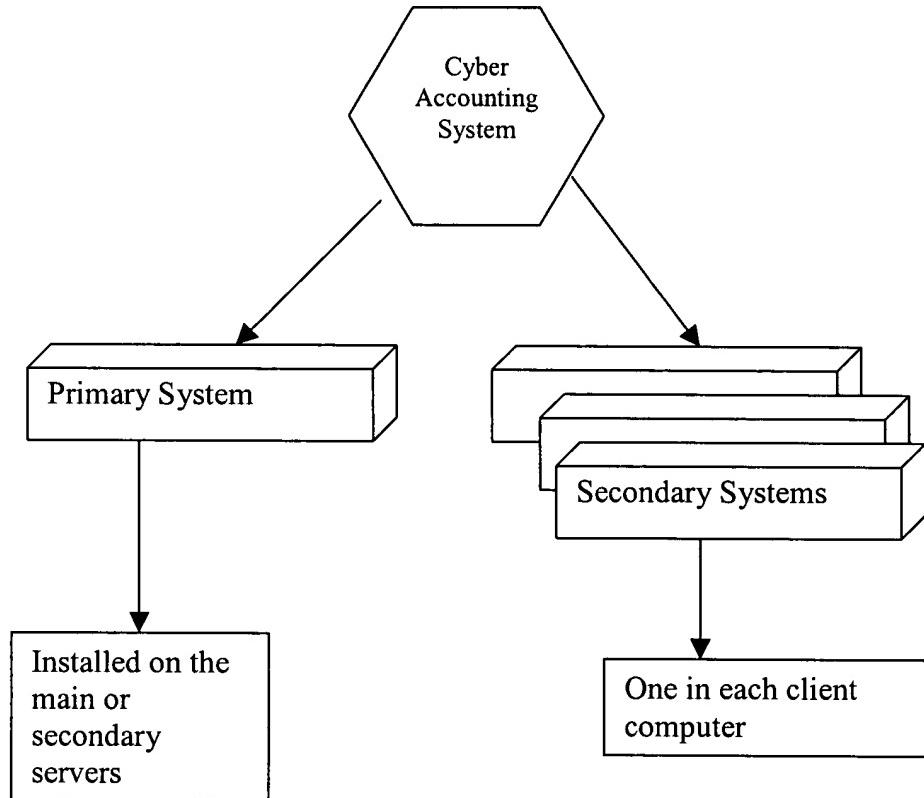
Drawing 2

Cyber Accounting System

The Event and Associated Handles

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Sheet 3 of 11
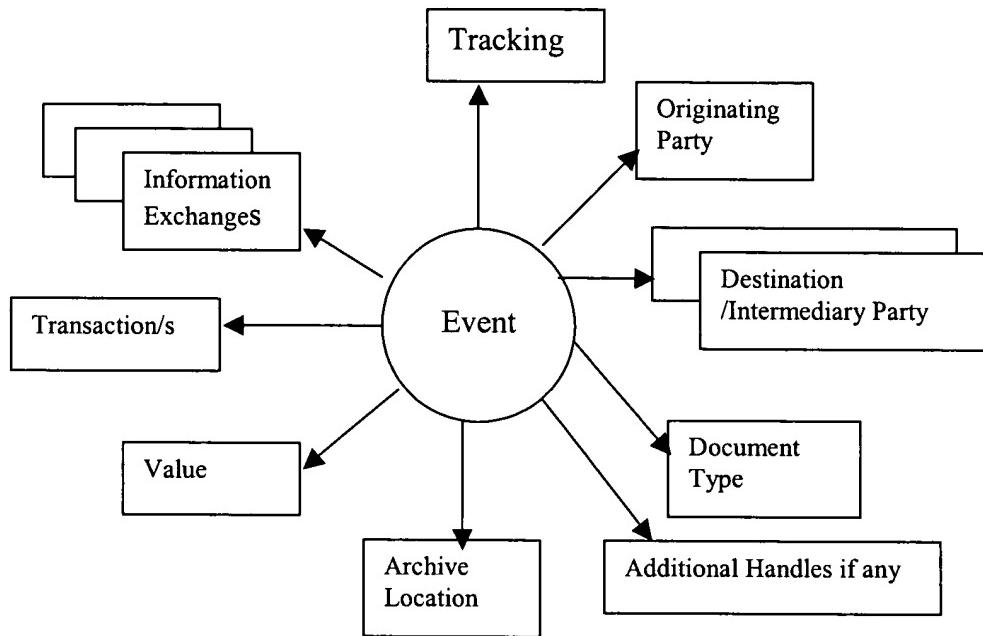
Drawing 3

Cyber Accounting System

Transition of Events

At the originating Client side	At the server side	At the Server Side

```
At the              At the server        At the Server
originating         side                 Side
Client side
    |                   |                    |
    v                   v                    v
+-----------+       +-----------+        +-----------+
| Generated |-----> | Floating  |------> | Archieved |
+-----------+       +-----------+        +-----------+
    |    ^
    v    v
+-----------+       +-----------+
| Cancelled |       |   Saved   |
+-----------+       +-----------+
```

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Sheet 4 of 11

Drawing 4

Cyber Accounting System

CAS_Primary System

User Registration SS

Client Interface

Archieved Events SS

User Authentication SS

Cyber Accounting System

Report Management SS

Floating Events SS

Risk Management SS

Data Base

Auto Interface

Client Side Systems

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Sheet 5 of 11

Drawing 5

User Registration Sub System of the Primary System

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Sheet 6 of 11
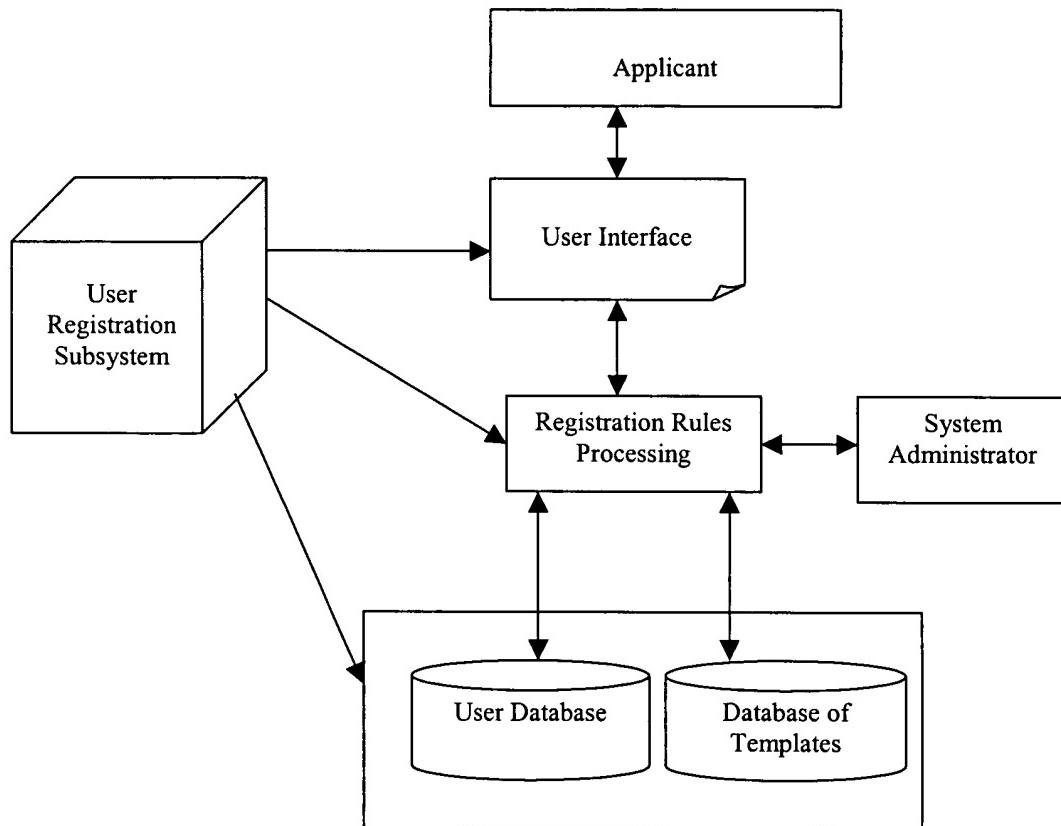
Drawing 6

User Authentication Sub System of the Primary System

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Sheet 7 of 11
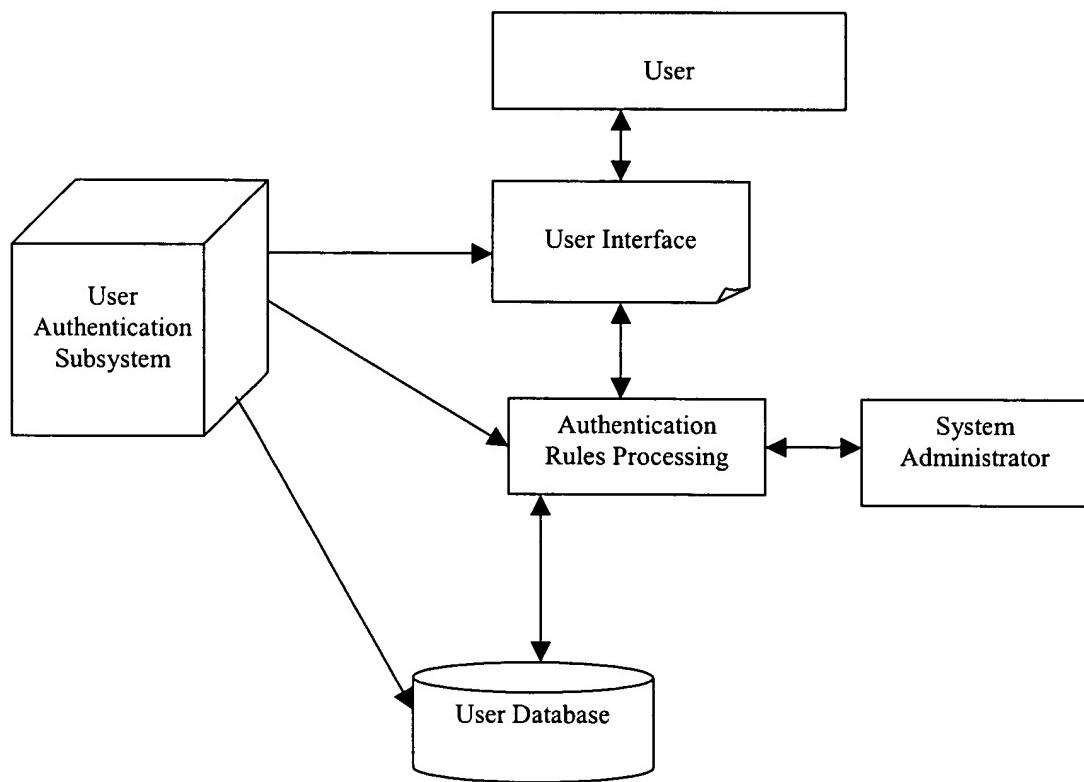
Drawing 7

Cyber Accounting System

Floating Event Subsystem of the Primary System
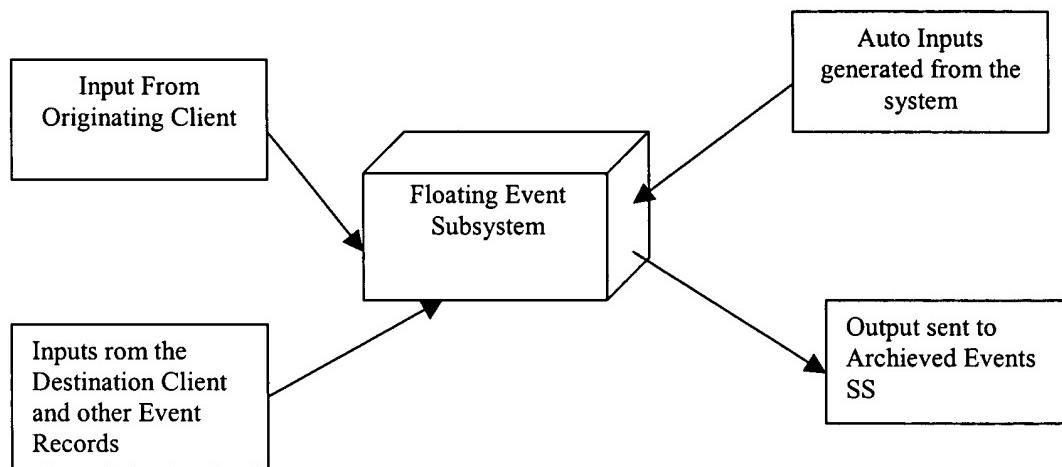
Drawing 8

Cyber Accounting System

Archived Event Subsystem of the Primary System

```
        ┌──────────────────────────┐
        │  Input From Floating Event│
        │        Subsystem          │
        └──────────────────────────┘
                    │
                    ▼
        ┌──────────────────────────┐          ┌──────────────────────┐
        │   Archieved Event        │          │  Outputs of Reports  │
        │      Subsystem           │────────▶ │   on demand by       │
        │                          │          │  members through     │
        └──────────────────────────┘          │       ReMSS          │
                    ▲                          └──────────────────────┘
                    │
                    ▼
             ┌─────────────┐
             │             │
             │  Database   │
             │             │
             └─────────────┘
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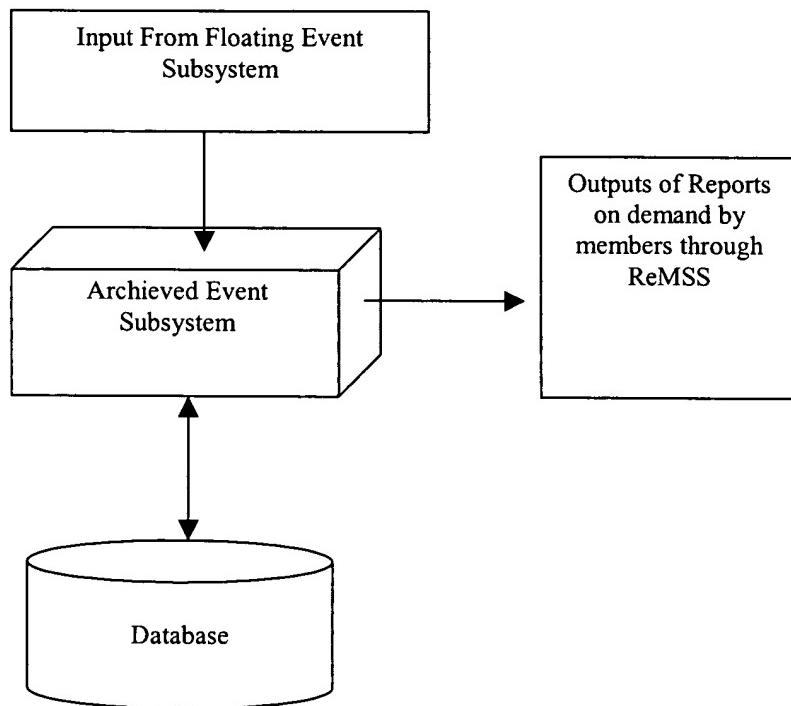
Drawing 9

Cyber Accounting System

Report Management Subsystem of the Primary System

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Sheet 10 of 11
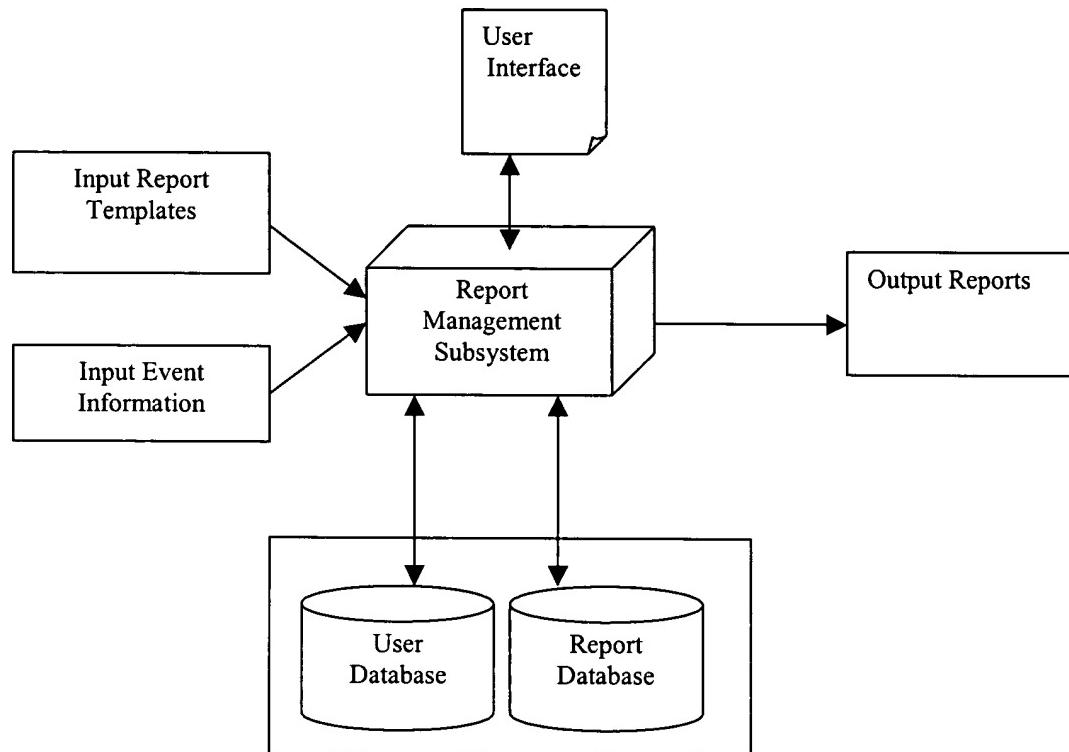
Drawing 10

Cyber Accounting System

Risk Management Subsystem of the Primary System

User Interface

Input Risk Management Rules	→	Risk Management Subsystem	→	Outputs Alerts/Reports

Input Event Information

Database

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Sheet 11 of 11
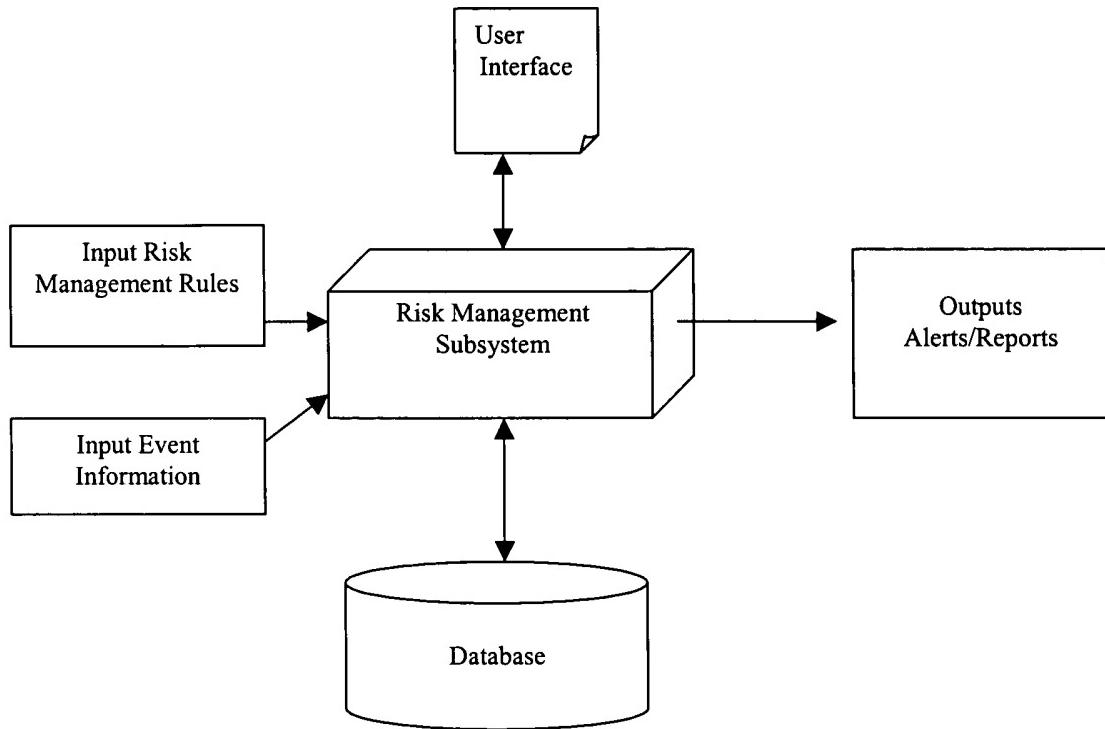
Drawing 11

Cyber Accounting System

CAS Secondary System Description of the Primary System